

New!

connectPower PRO DC/DC Converter

Innovative products for industrial automation

HazLoc Ready

Class I Div 2 and ATEX Certification

Robust

-25°C to +70°C (Start-Up: -40°C)
MTBF greater than 1M hrs.

Energy Saving

High efficiency (up to 94%)

Space Saving

up to 30% space in the cabinet

Power Boost

more than 600% * I_N for 16ms

Remote Monitoring

Status relay and transistor outputs



Infrastructure

Ship Building

Oil & Gas

Chemical/
Pharmaceutical

Water Treatment

Automotive

Machine Tools

Let's connect.

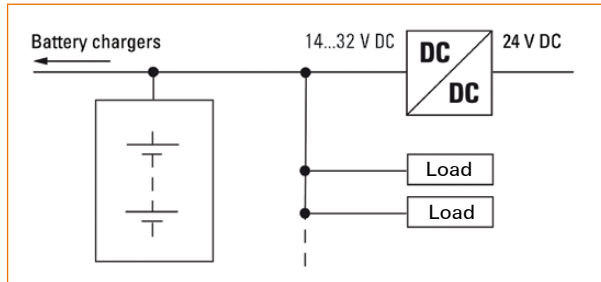
www.weidmuller.com

Weidmüller

Applications

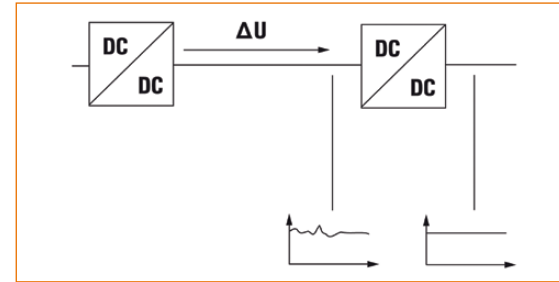
Stable 24 VDC supply

The DC/DC converter compensates for voltage fluctuations, which may result from unregulated power supplies or voltage drops due to long distances or noise.



Floating Earth Systems

Class III DC/DC converters are well suited for use in floating-earth systems, such as applications that use emergency-power batteries in parallel operations.



Product Type

The following products are available:

Type	Input Voltage Range	Output Voltage Range	Output Current	Power	Part Number
PRO DCDC 120W 24V 5A	18 - 32V	22.5 - 29.5V	5A @ 24V	120 W	2001800000
PRO DCDC 240W 24V 10A	18 - 32V	22.5 - 29.5V	10A @ 24V	240 W	2001810000
PRO DCDC 480W 24V 20A	18 - 32V	22.5 - 29.5V	20A @ 24V	480 W	2001820000

Additional Weidmuller DC/DC converters:

Type	Input Voltage Range	Output Voltage Range	Output Current	Power	Part Number
CP-DCDC 12VDC IN/24VDC, 2A OUT	10.2 - 16 VDC	22 - 24 VDC	2A	50 W	9919371224
CP-DCDC 12VDC IN/15VDC, 3A OUT	10.2 - 16 VDC	15 VDC	3A	50 W	9919371215
CP-DCDC 12VDC IN/12VDC, 3A OUT	10.2 - 16 VDC	12 VDC	3A	50 W	9919371212
CP-DCDC 12VDC IN/ 5VDC, 8A OUT	10.2 - 16 VDC	5 VDC	8A	50 W	9919371205
CP-DCDC 24VDC IN/15VDC, 3A OUT	18 - 30 VDC	15 VDC	3A	50 W	9919372415
CP-DCDC 24VDC IN/12VDC, 3A OUT	18 - 30 VDC	12 VDC	3A	50 W	9919372412
CP-DCDC 24VDC IN/ 5VDC, 8A OUT	18 - 30 VDC	5 VDC	8A	50 W	9919372405

Accessories

Type	Description	Part Number
CP DM 10	Diode module 10A for redundancy power	8710620000
CP M DM 20	Diode module 20A for redundancy power	1222210000
CP DC UPS 24V 20A/10A	DC UPS for 10A/20A	1370050010
CP DC UPS 24V 40A	DC UPS for 40A	1370040010

Information

Information is available for download on our website: www.weidmuller.com

Ref. No.	Description
LIT1606	connectPower PRO DC/DC Converter Datasheet

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